

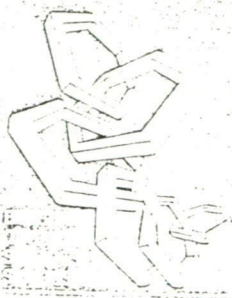
4TH

BELGIAN ORGANIC SYNTHESIS SYMPOSIUM

LEUVEN 25-29 MAY 1992

13. The following table shows the number of people who attended the concert in each age group.

1. The first step is to identify the problem. This involves understanding the current situation and the goals that need to be achieved.

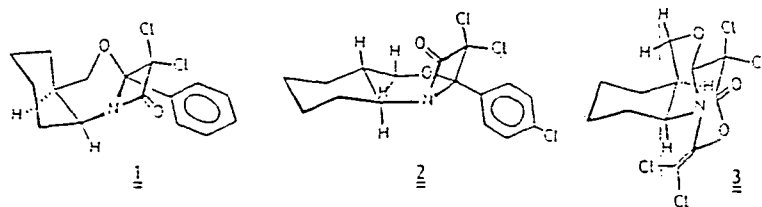


SYNTHESIS AND STRUCTURE OF SATURATED AZETO[1,2-a][3,1] AND [2,1-b][1,3]BENZOXAZINES

Géza Stájer, Angela E. Szabó, Ferenc Fülöp, Gábor Bernáth,
^a Pál Sohár

Institute of Pharmaceutical Chemistry, Albert Szent-Györgyi Medical
University, Szeged, Hungary; ^aSpectroscopic Laboratory,
Department of General and Inorganic Chemistry,
Eötvös Loránd University, Budapest, Hungary

Saturated cis and trans 3,1- and 1,3-benzoxazines with
chloroacetyl chlorides yielded azeto[1,2-a][3,1] and [2,1-b][1,3]
benzoxazines. In one case the addition takes place by a partial
cis → trans inversion of the starting compound. Besides the
stereoisomeric azetidinones 1 and 2, the adduct 3, containing two
condensed 1,3-oxazine rings, was also isolated.



In each other case, only one compounds could be isolated.

The stereostructures of the new compounds were proved by
¹H and ¹³C nmr spectroscopy with the use of NOE measurement
data. The reaction mechanism will also be discussed.